

APPENDIX B

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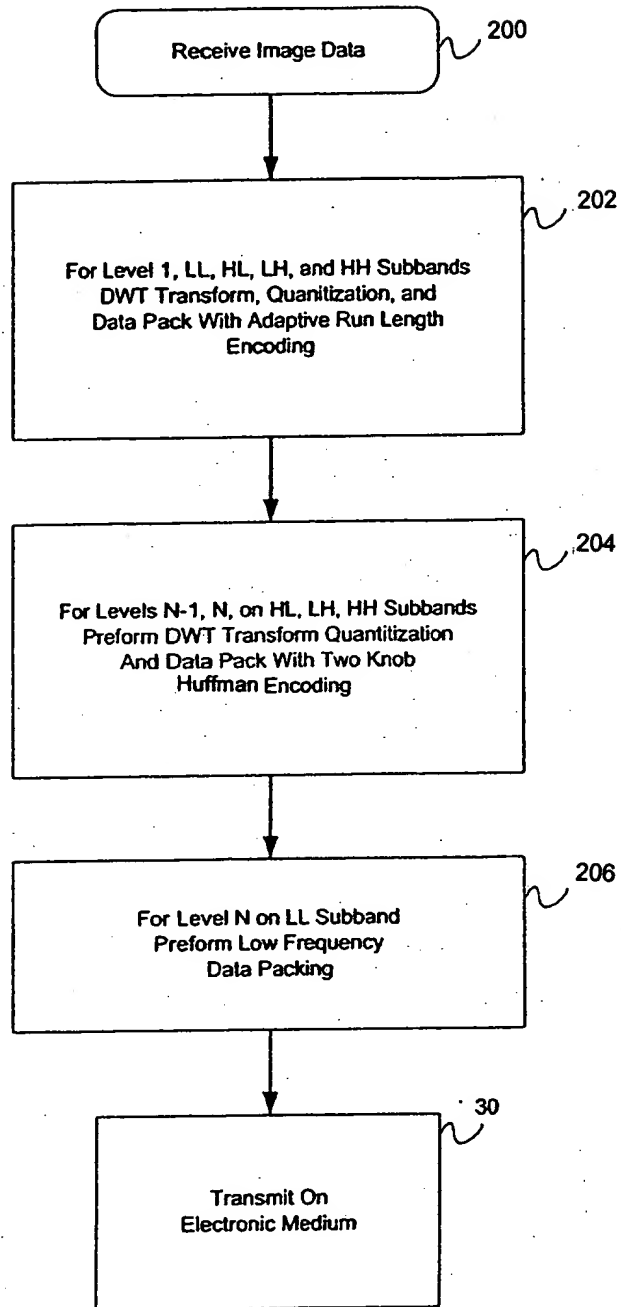


FIG. 3

$Q = \text{fix}(\text{abs}(W) / \text{cr}) * \text{sign}(W)$

$W' = (\text{abs}(Q) + 0.5) * \text{cr} * (\text{sign}(Q))$

Q: Quantized coefficient
W: Original wavelet coefficient
CR: User defined compression parameter
W': De-quantized coefficient
Fix: Truncates value
Abs: returns magnitude of value
Sign: Return the sign of the number,
Returns zero if the value is zero

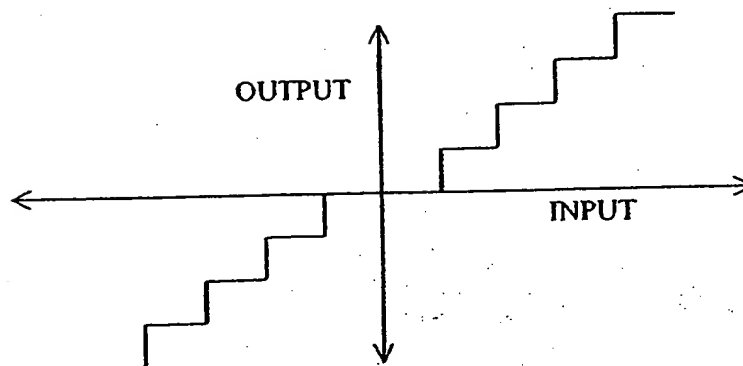


FIG. 7

Value	Code word
0	0
1	100
-1	101
2	1100
-2	1101
3	11100
-3	11101
4	1111000
-4	1111001
5	11110100
-5	11110101
6	11110110
-6	11110111
7	11111000
-7	11111001
8	111110100
-8	111110101
9	111110110
-9	111110111
10	111111000
-10	111111001
11	111111010
-11	111111011
12	1111111000
-12	1111111001
13	1111111010
-13	1111111011
14	1111111100
-14	1111111101
15	1111111110
esc	1111111111

FIG. 10

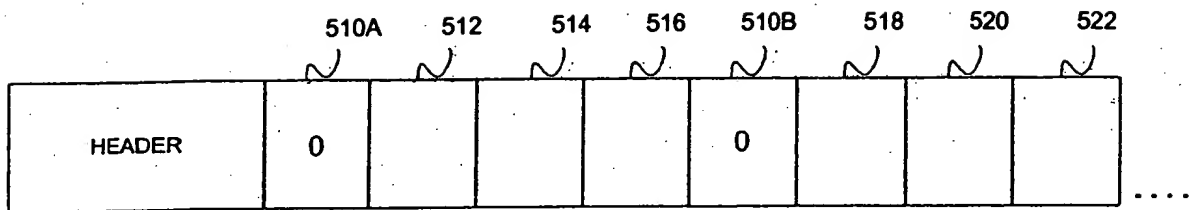


FIG. 12A

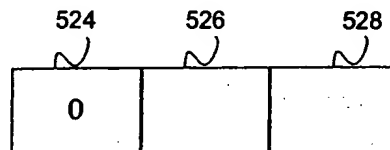


FIG. 12B

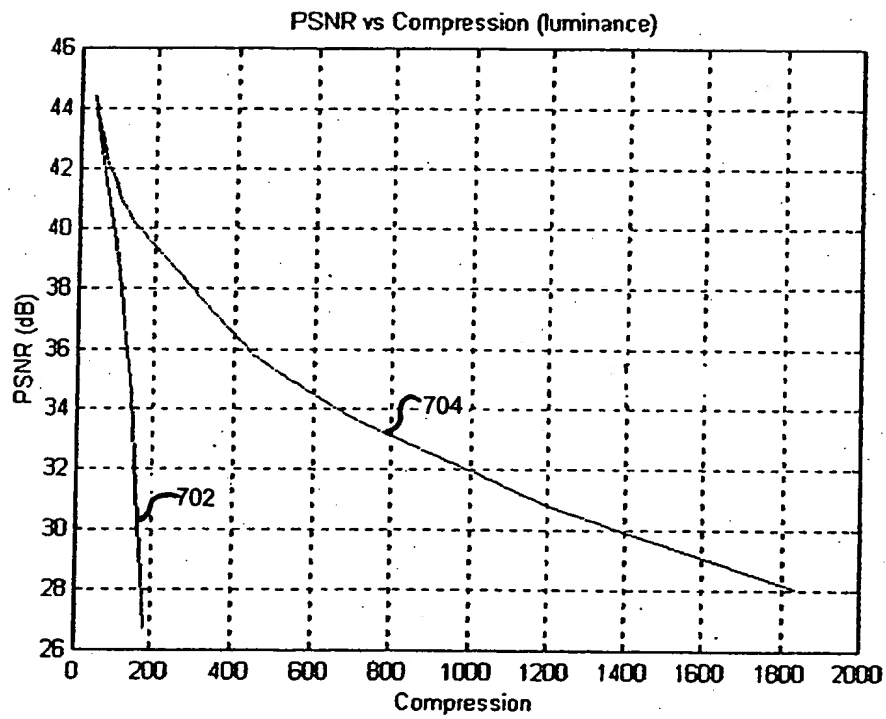
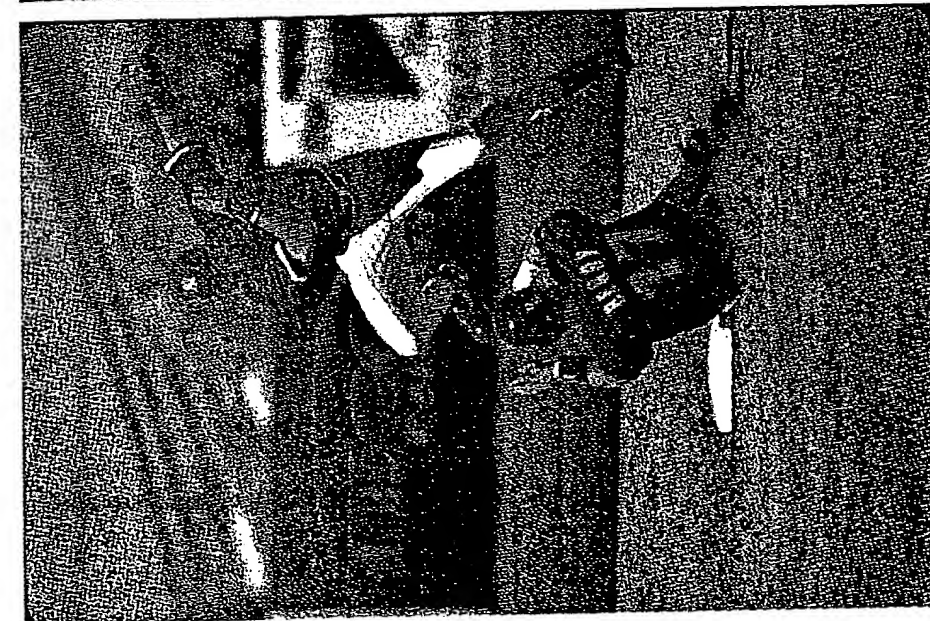
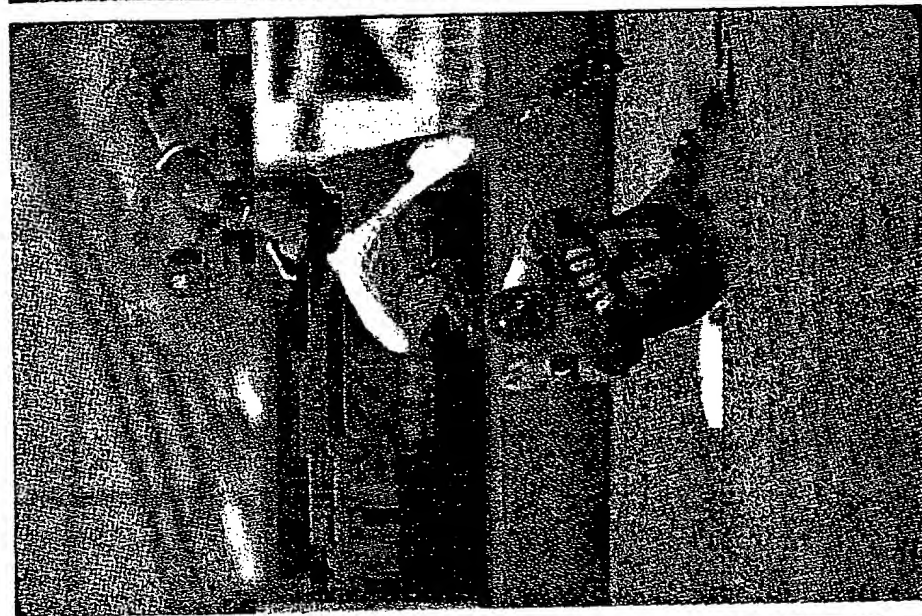


FIG. 17



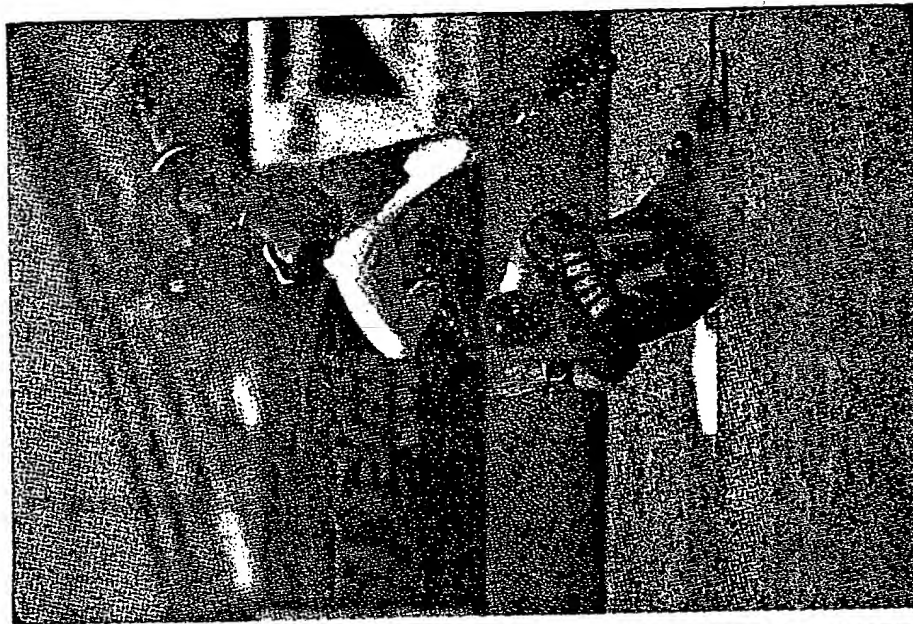
Original

FIG. 18A



JPEG 77:1

FIG. 18B



162:1

FIG. 18C



Original

FIG. 19A



JPEG 163:1

FIG. 19B



162:1

FIG. 19C

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